

SEAT CUSHION WITH INTEGRATED HANDLE

The present invention is generally related to cushions, and more particularly, to a portable cushion
 5 which provides for supporting a user's ischii while preventing pressure on the user's coccyx.


Portable cushion are often utilized by individuals to increase the comfort of bleachers, benches and other hard
 10 frame seats or the like. This is particularly the case for sports enthusiasts which attend indoor and outdoor sporting events.

Many prior art portable cushions have incorporated
 15 various handles or other carrying arrangements, and many include both seat and back support.

However, most prior art cushions have not been configured for supporting the user's buttocks, or ischii
 20 without causing pressure to the coccyx.

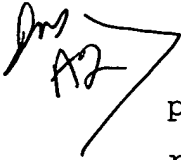
The present invention provides for a portable cushion with an integral handle for enabling hand carrying of the cushion while at the same time providing a cushion for
 25 extended seating without causing uncomfortable pressure to the user's coccyx.

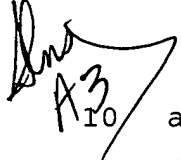
SUMMARY OF THE INVENTION

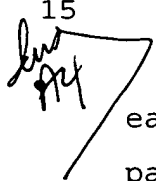
30 *End A1*  ~~A seat cushion in accordance with the present invention generally includes a pair of generally flat pads for supporting a user's buttocks and a handle disposed between the pads for carrying said seat cushion.~~

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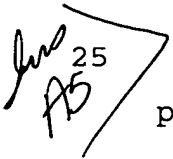
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Ins A2  Arms, interconnecting the pads and said handle, are provided for holding the pads in a spaced apart relationship and enabling grasping of said handle by the user. The arms are of sufficient flexibility for enabling
 5 the pads to be oriented in both a planar relationship for supporting the user's buttocks and a coplanar relationship for enabling transport of said seat cushion by the handle.

Ins A3  More particularly, the handle and arms are recessed from a top of each of the pads for enabling the user's coccyx to depend between the pads in order to prevent pressure on the coccyx. Preferably the pads, arms and handle are integrally molded, however the handle and arms may be separately attached.

Ins A4  More specifically, the arms include forearms and aftarms each joined to opposite ends of said handle and each of the pads include an arcuate forward perimeter, the forward perimeters been joined by the forearms.

20 In addition, each of the pads may include an arcuate rearward perimeter, the rearward perimeter being joined by the aftarms.

Ins A5  In order to facilitate portability means may be provided for releasably holding the pads in the co-plan relationship.

30 In an alternate embodiment of the present invention, a pair of generally flat pads are provided for supporting a user's buttocks and a web may interconnect the pads for holding the pads in the spaced apart relationship. The web is flexible for enabling the pads to be oriented in both a

planar relationship for supporting the user's buttocks and a coplanar relationship for enabling the transport of the seat cushion. A handle is attached to the web for carrying the pads in the coplanar relationship.

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As in the hereinabove described embodiment, the web and handles are recessed from the top of the pads for enabling the user's coccyx to depend between the pads in order to prevent pressure thereon. The handle may be
10 integrally molded into the web or separately attached thereto.

Each of the pads may include an arcuate forward perimeter with the forward perimeters being joined by the
15 web. In addition, the pads may include an arcuate rearward perimeter with the rearward perimeters being joined by the web. In addition, the seat cushion also may comprise means for releasably holding the pads in the coplanar relationship to facilitate transport thereof.

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BRIEF DESCRIPTION OF THE DRAWINGS

The foregoing, and further more specific objects and advantages of the present invention will be come readily
25 apparent to those skilled in the art from the following detailed description when taken in conjunction with the following drawings, in which:

Inv. 30 Figure 1 is a pictorial representation showing the seat cushion in accordance with the present invention with two pads disposed in a coplanar relationship for enabling easy transport by a fan,

Inv. 35 Figure 2 is a perspective view of the seat cushion in accordance with the present invention with the two generally flat pads for supporting a user's buttocks shown in a coplanar relationship;

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Figure 3 is a perspective view of the seat cushion in accordance with the present invention in which the pads are disposed in a generally planar relationship for enabling
5 placement on a seat, or the like, and enabling support of a user's buttocks;

Figure 4 is a perspective view of a bottom of a seat cushion in accordance with the present invention;

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Figure 5 is a cross-sectional view of the seat cushion in accordance with the present invention taken along line 5-5 of Figure 4 showing a recess between the pads for enhancing the comfort of a user and slots in the pads for
15 allowing the cushion to breath; and

Figure 6 is a perspective view of an alternative embodiment of the present invention in which two pads of the cushion are interconnected by a web with a handle
20 molded or attached thereto for carrying the cushion in a manner as shown in Figure 1.

DETAILED DESCRIPTION

*Ins
AS* 25 With reference to Figures 1 and 2, there is shown a seat cushion 10 in accordance with the present invention which generally includes a pair of generally flat pads 12, 14, shown oriented in a coplanar relationship for enabling transport of the seat cushion by a user, such as a sports
30 fan 18, by a handle 20 disposed between the pads 12, 14.

With reference to Figure 3, the seat cushion 10 is shown with the pads 12, 14 oriented in a planar relationship for supporting a user's left and right ischii
35 and gluteal prominences, or buttocks, not shown.

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5 More particularly, forearms 24, 26 and aft arms 30, 32
 interconnect the pads 12, 14 and handle 20 with the pads
 held in a spaced apart relationship for enabling grasping
 10 of the handle 20 by the user. The arms 24, 26, 30, 32 are
 flexible for enabling the pads 12, 14 to be oriented in
 both a planar relationship, as shown in Figure 3 for
 supporting the user's buttocks and a coplanar relationship,
 shown in Figures 1 and 2, for enabling transport of the
 15 seat cushion 10 by the handle 20.

Figure 4 shows pad undersides which may be treated or
 coated with a non-slip material to prevent movement of the
 cushion on a seat or bench during use by the user 18, not
 15 shown in Figure 4.

20 As shown in Figure 3, and more clearly in Figure 5,
 the arms 24, 26, 30, 32 are recessed from a top 42, 44 of
 pads 12, 14 respectively for enabling the user's coccyx
 (not shown) to depend between the pads 22, 14 in order to
 prevent pressure on the coccyx, not shown. The handle 20
 is also recessed and the pads, arms and handle may be
 integrally molded.

25 In that regard, the pads 12, 14 may be molded and
 formed in any conventional manner with or without
 coverings, not shown. Any suitable foam, gel or
 combination thereof may be utilized in the formation of the
 pads 12, 14.

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To enable breathing of the cushion dimples or slots
 46, maybe dispersed throughout the pad 12, 14 areas in a
 conventional manner.

In order to provide spacings 50, 52 on both sides of the handle for enabling grasping thereof by the user, the forearms 20, 24 and aftarms 30, 32 are joined to opposite
5 ends 54, 56 of the handle 20.

Preferably, each of the pads 12, 14 include an arcuate forward perimeter 58, 60 which are joined by the forearms 24, 26. This structure enables a comfortable seating for
10 the user as well as streamlining the cushion 10 for transport.

Similarly, the pads 12, 14 include arcuate rearward perimeters 64, 66 which are joined by the aftarms 30, 32.
15 This further streamlines the cushion 10 for transport thereof. In that regard, with reference to Figure 4, a Velcro® type hook patch 70 and loop patch 72 providing means for releasable holding the pads 12, 14 in a coplanar relationship as shown in Figures 1 and 2. Other structure
20 may be utilized to releasable hold the pads 12, 14 in the coplanar relationship, such as, snaps or loops, tags or the like.

With reference to Figure 6 there is shown an
25 alternative embodiment 80 which also includes a pair of generally flat pads 82, 84 for supporting a user's buttocks, each pad 82, 84 having mirror image perimeters 88, 90, a handle 92 is disposed between the pads 82, 84 for carrying the seat cushion 80 in a manner shown with regard
30 to the cushion 10 in Figure 1. The handle 92 may be molded with or separately attached to a web 96 interconnecting the pads 82, 84 which holds the pads 82, 84 in a spaced apart relationship. The web 96 is flexible for enabling the pads

82, 84 to be oriented in both a planar relationship for supporting the user's buttocks as shown in Figure 6 and a coplanar relationship for enabling transport of the seat cushion 80 as illustrated in Figures 1 and 2 and described in conjunction with the seat cushion embodiment 10.

As shown in Figure 6, the web 96 and handle 92 are recessed from a top 100, 102 of the pads 82, 84. This structure, is similar to that of the cushion 10 hereinabove described and provides for support of the user's buttocks (not shown) by the pads 82, 84 and enabling the user's coccyx to depend between the pads 82, 84 in order to prevent pressure on the coccyx (not shown).

The web 96 may include forearms 116, 118 attached to one end 120 of the handle and rear arms 124, 126 attached to another end 130 of the handle 92.

As hereinabove noted, the handle 92, web 96 pads 82, 84 may be integrally molded, however, the handle 92, may be separately attached to the web 96, by sewing or any similar attachment method. Alternatively, the web 96 may be eliminated and the handle attached directly to forearms 116, 118 and aftarm 124, 126 as shown.

Similar to the cushion 10, each of the pads 82, 84 may include arcuate forward perimeters 106, 108 and rearward perimeters 110, 112, which are joined by the web 96.

Alternatively, the web 96 may be continuous with the flexible handle 92 extendable therefrom to provide grasping thereof by the user, the user's fingers, not shown, passing between the handle 92 and the web 96.

While the hereinabove described seat cushion has been described with reference to specific embodiments, it is to be clearly understood by those skilled in the art that the invention is not limited thereto. Rather, the scope of the
5 invention is to be interpreted in conjunction with the appended claims.

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